Model Name: SD-260ESE

This model has the following features:

- DVD/CD-DA/CD-R/CD-RW Playback
- VCD (Video CD) Playback
- MP3 Playback
- JPEG/MPEG Playback
- 2 Channel analog audio output
- Coaxial Digital Audio output

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ABOUT THIS MANUAL

Instructions in this manual describe the controls on the player. You can also use the controls on the remote if they have the same function as those on the DVD player.

Dear Customers

We would like to thank you for purchasing this DVD player.

We strongly recommend you to study the operating instructions carefully before attempting to operate the unit and note the listed safety precautions.

SAFETY INFORMATION

CAUTION

LASER CLASS 1	
Wave length:	650nm±15nm for DVD 790nm±15nm for CD
Maximum output of accessible laser radiation:	< 0,39 mW (continuous wave)
Classified according to IEC 60825-1:	1993 + A1: 1997

DVD Player is a class 1 laser product. However this product uses a visible laser beam which could cause hazardous radiation exposure. Be sure to operate the player correctly as instructed.

While this player is plugged to the wall outlet, do not place your eyes close to the opening of the disc tray or any other openings in the case of the product. For your own safety, do not attempt to look inside this product.

Use of controls for adjustments and performance of procedures other than those specified may result in hazardous radiation exposure. Do not open covers and do not attempt to repair any damaged parts. Refer product to a service technician or qualified professional for any necessary repair.

Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

The mains plug or the appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

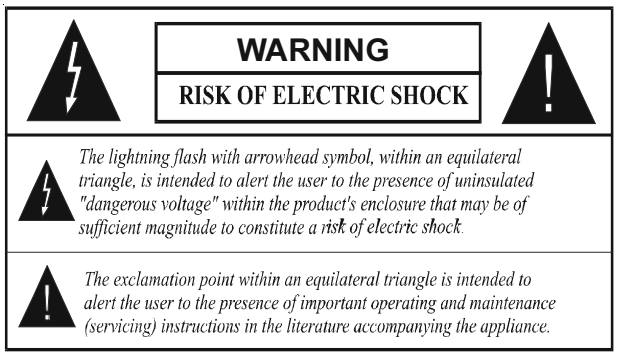
CAUTION

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

WARNING

To reduce the risk of fire or electric shock, do not expose this equipment to rain or moisture.

To reduce the risk of fire or electric shock, and any interference, use the recommended accessories only.


WARNING
RISK OF ELECTRIC SHOCK
The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.
The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

CAUTION: SW update should only be done with DVD+RW disc type!

SAFETY PRECAUTIONS I

Power Source

The unit should be operated only from a 220-240V~ 50 Hz outlet. Please do not open the cover by yourself. There is high voltage in the set which will endanger your life. Please contact local service agent for help and advice. Repairs should be carried out by a qualified technician only.

Power Cord

Do not place the unit, a piece of furniture, or any object on the power cord (mains lead). Do not cut or pinch the power cord. Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Never make a knot in the cord or tie it with other cords. The power cords should be routed in such a way that they are not likely to be stepped on. A damaged power cord can cause fire or give you an electrical shock. Check the power cord once in a while. If damaged, ask the closest service agent for help. When the AC power cord needs to be changed, it should be done at a qualified service shop only.

SOME DOS AND DON'TS ON THE SAFE USE OF EQUIPMENT

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured. So, please read the points below for your own safety. They are of a general nature, intended to help you with all your electronic consumer products and some points may not apply to the goods you have just purchased.

DO read the operating instructions before you attempt to use the equipment.

DO ensure that all electrical connections (including the mains plug, extension leads and inter- connections between the pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug before making or changing connections.

DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

DO be careful with glass panels or doors on equipment

DON'T remove any fixed cover as this may expose dangerous voltages.

DON'T obstruct the ventilation openings of the equipment with items such as newspapers, tablecloths, curtains, etc. Overheating will cause damage and shorten the life of the equipment.

DON'T allow electrical equipment to be exposed to dripping or splashing, or objects filled with liquids, such as vases, to be placed on the equipment.

DON'T place hot objects or naked flame sources such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.

DON'T use makeshift stands and NEVER fix legs with wood screws - to ensure complete safety always fit the manufacturer's approved stand or legs with the fixings provided according to the instructions.

DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety. It is illegal to watch television whilst driving.

DON'T listen to headphones at high volume, as such use can permanently damage your hearing.

DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a stand-by mode. Switch off using the switch on the equipment and make sure that your family know how to do this. Special arrangements may need to be made for infirm or handicapped people.

DON'T continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way -switch off, withdraw the mains plug and consult your dealer.

ABOVE ALL

— **NEVER** let anyone especially children push anything into holes, slots or any other opening in the case - this could result in a fatal electrical shock;

— **NEVER** guess or take chances with electrical equipment of any kind

— it is better to be safe than sorry!

Choice of Location:

Please do not place the set in a place subject to direct sun light, excessive dust or mechanical shock or in a location near heat sources.

The set should be placed on a solid and safe base. Do not place the player on a soft surface such as a rug that might block the ventilation holes on the bottom.

A location should not be selected such as a room with high humidity, as the condensation, arising in the kitchen for example, may cause malfunction or damage the set.

Heating or other thermal radiation under the set also may cause malfunction or damage the set.

The hot air, which arises during the operation, should be ventilated with sufficient air circulation. Please do not put the set into closed areas and do not cover it.

Please avoid the contact of the set with water or humidity. Do not put it into operation near bath, swimming pools.

Make sure enough air circulation is provided around the product. Place the player in a location with adequate ventilation to prevent heat build-up in the player.

Should any solid object or liquid fall into the cabinet, unplug the player and have it checked by qualified personnel before operating it any further.

SAFETY PRECAUTIONS II

Notes on copyrights:

It is forbidden by law to copy, broadcast, show, broadcast via cable, play in public, or rent copyright material without permission.

This product is equipped with copy protection measures developed by Macrovision. Copy protection signals are recorded on some discs. When recording these discs on a VCR, picture noise will appear during playback.

This product incorporates copyright protection technology that is protected by certain U.S. patent claims and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation . Reverse engineering or disassembly is prohibited.

Official DivX® Certified product.

Plays all versions of DivX® (including DivX® 6) video with standard playback of DivX® media files.

DivX, DivX Certified, and associated logos are trademarks of DivX, Inc. and are used under license.

Following information is only for EU-member states:

The use of the symbol indicates that this product may not be treated as household waste. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

NOTES ON CD-R AND CD-RW DISCS

• CD-R (Recordable) and CD-RW (Rewritable) discs recorded by the users may only be used after finalization process.

• CD-R and CD-RW discs may not be usable, depending on the disc features, recording conditions and damage or dirt on disc. The disc configuration and features are determined by the tool and device used for recording. Therefore, users may face with the following undesired consequences:

- Some discs may not be read at all.
- Some discs may cause system crash after playing for a while.
- Some parts of the disc may be skipped or worked abnormally.

• When compare with the original discs, a CD-R or CD-RW disc may take longer time to playback.

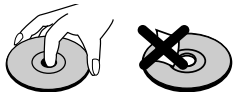
NOTES ON DISCS

On handling discs

• To keep the disc clean, handle the disc by its edge. Do not touch the surface.

• Do not stick paper or tape on the disc.

• If the disc is contaminated with any substance like glue, remove before using it.

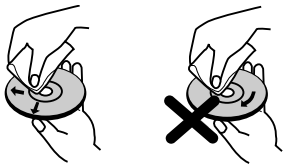


• Do not expose the disc to direct sunlight or heat sources such as hot air ducts, or leave it in a car parked in direct sunlight as the temperature can rise quickly and damage the disc.

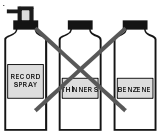
• After playing, store the disc in its case.

On cleaning

• Before playing, clean the disc with a cleaning cloth. Wipe the disc from the centre out.



• Do not use solvents such as benzene, thinners, commercially available cleaners or anti-static spray intended for vinyl LPs.



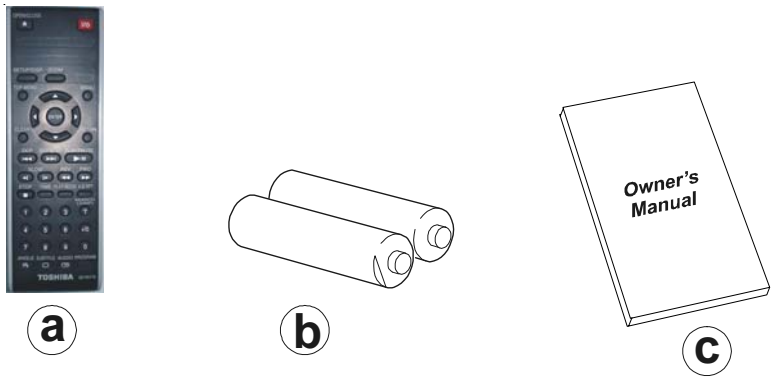
Discs that should not be used

Only the discs including the marks shown on page 7 can be played.

Note that the discs with special shapes (heart-shaped discs, hexagonal discs, etc.) cannot be played. Do not attempt to play such discs, as they may damage the player.

SUPPLIED ACCESSORIES

In the packaging material, you will find the following:



(a) Remote control

(b) Two R03 (AAA) batteries for remote control.

(c) Owner's Manual

DISC TYPES COMPATIBLE WITH THIS UNIT

This player can play the following discs.

Disc Types (Logos)	Recording Types	Disc Size	Max. Playing Time	Characteristics
DVD	Audio + Video	12 cm	Single - sided; 240 min. Double - sided; 480 min.	• DVD contains excellent sound and video due to Dolby Digital and MPEG-2 System. • Various screen and audio functions can be easily selected through the on screen menu.
		8 cm	Single - sided; 80 min. Double - sided; 160 min.	
VIDEO-CD	Audio + Video	12 cm	74 min.	• Video with CD sound, VHS quality & MPEG-1 compression technology.
		8 cm	20 min.	
AUDIO-CD	Audio	12 cm	74 min.	• An LP is recorded as an analog signal with more distortion. CD is recorded as a Digital Signal with better audio quality, less distortion and less deterioration of audio quality over time.
		8 cm	20 min.	
MP3-CD	Audio	12 cm	It depends on MP3 quality.	• MP3 is recorded as a Digital Signal with better audio quality, less distortion and less deterioration of audio quality over time.
		8 cm		
PICTURE-CD	Video (still picture)	12 cm	It depends on JPEG quality.	• JPEG is recorded as a Digital Signal with better picture quality over time.
		8 cm		
DivX-CD	Audio + Video	12 cm	It depends on DivX quality	• Video & Audio with MPEG-4 Compression technology.
		8 cm		

GENERAL PROPERTIES

1) DVD/VCD/CD/CD-R/CD-RW/MP3/JPEG/MPEG/DivX playback

2) NTSC/PAL playback

3) User-friendly multi-language OSD menu control

4) Vacuum Fluorescent Display (VFD)

5) Dolby Digital, DTS, MPEG Multi-channel, LPCM audio via coaxial digital audio output

6) Multiple Aspect Ratio support (16:9 Widescreen, 4:3 Letterbox, 4:3 Pan & Scan)

7) Multi-Audio (up to 8) support (According to disc content)

8) Multi-Subtitle (up to 32) support (According to disc content)

9) Multi-Angle (up to 9) support (According to disc content)

10) 8 parental levels control (According to disc content)

11) Fast forward and rewind at different speeds.

12) Playback at 2x speed without any malfunction of the display.

13) Slow motion playback at different speeds.

14) Frame by frame forward playback

15) Time Search

16) Repeat

17) A – B repeat

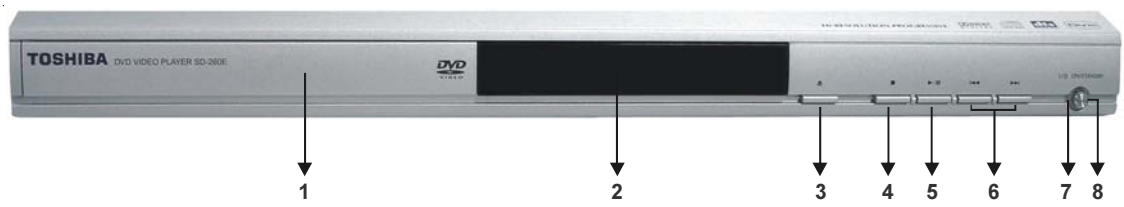
18) Program function for Audio CD, MP3 and JPEG

19) Scart Socket

20) Coaxial Digital Output

21) ZOOM

FRONT PANEL FUNCTIONS



1. Disc Tray

Place a disc on the tray.

2. Front Panel Display (VFD)

Indicates the playing time, title, chapter/track, etc.

3. OPEN/CLOSE (⏏) button

Opens or closes the disc tray.

4. STOP button

Stops playing disc.

5. PLAY/PAUSE button

Plays/pauses the disc. For any DVD title that has a root menu with still picture, this button functions as “button select” (selects highlighted item) in the root menu. Otherwise this functioning of “PLAY/PAUSE” button on the root menu will be prohibited by the disc, and “🖐” will appear.

6. SKIP buttons

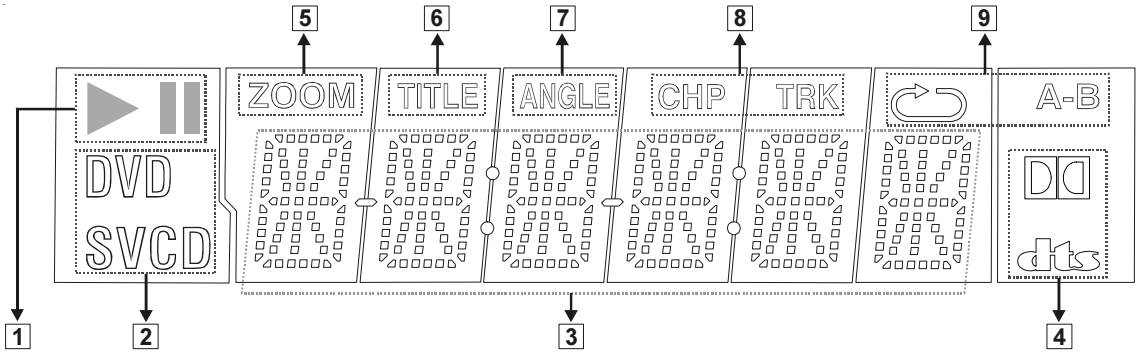
Press to go back to the preceding chapter/track or go to the next chapter/track.

7. ON/STANDBY INDICATOR

8. ON/STANDBY button

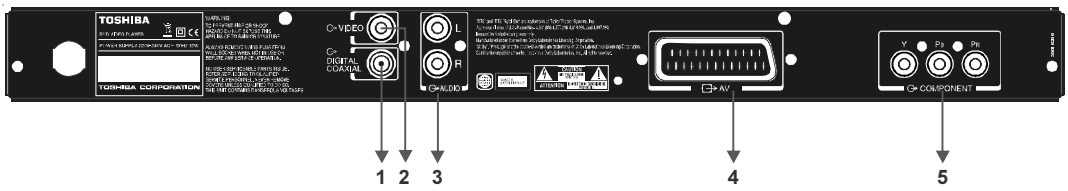
Turns the unit on or switches the unit to standby mode.

FRONT PANEL DISPLAY



1. Play/Pause
2. Current Disc
3. Time or Title / Chapter / Track Number
4. Dolby Digital / DTS
5. Zoom
6. Title Number
7. Angle
8. Chapter / Track Number
9. Repeat

REAR PANEL CONNECTIONS



1. DIGITAL OUT (COAXIAL) connector

Connects to an audio component using the coaxial digital connection cord.

2. AUDIO connectors

Connects to the AV amplifier or audio input connector on the TV by using 2 cords (Left, Right).

3. VIDEO OUT connector

Connects to the video input connector on the TV.

4. SCART OUTPUT connector

Connects to the scart-input connector on the TV.

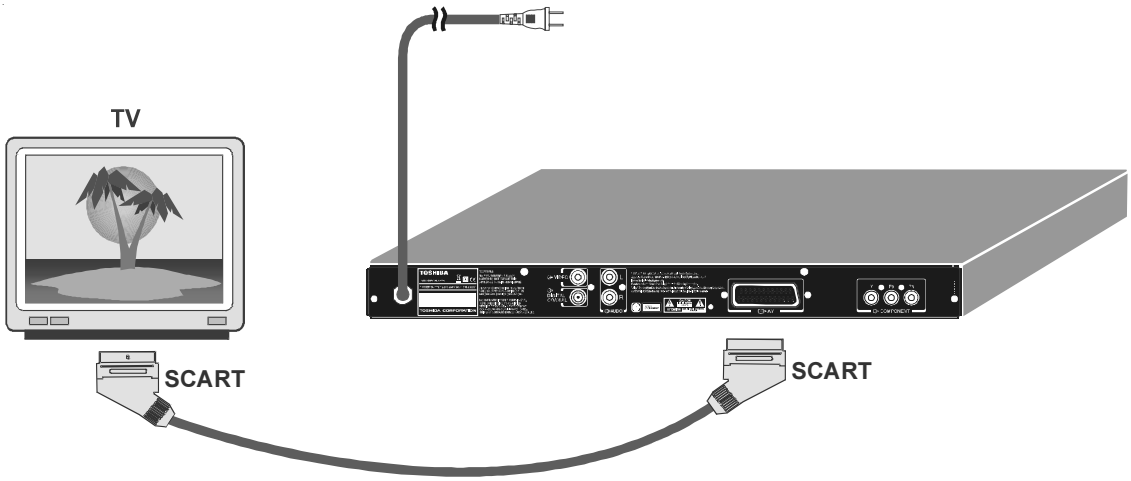
5. COMPONENT VIDEO OUT (YPbPr) connectors

CONNECTION OF YOUR DVD PLAYER WITH TV

Be sure to turn off the power of each component before making the connections.

Scart socket:

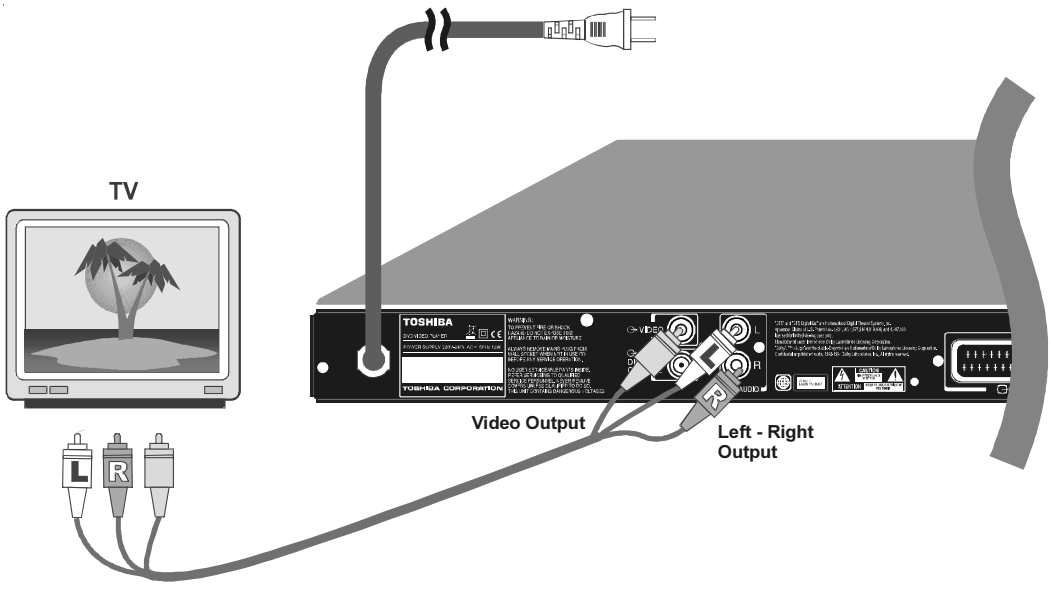
RGB signal via scart cable gives you the best picture performance. If your DVD player will not be connected to a hi-fi set or A/V amplifier to hear better sound, scart is enough for both audio & video connections.



Scart Cable (commercially available)

Video & Audio Output RCA Sockets:

Video (yellow) & audio (Red: right, White: left) output sockets can be used to connect the DVD player to your TV set via cables. To make this connection, your TV set must have Video & audio input connectors. This type of connection is alternative to scart connection. Picture quality is not as good as Scart connection but audio performance is the same.



Audio / Video Cable (commercially available)

COMPONENT VIDEO (YPBPR) / PROGRESSIVE SCAN & CONNECTION

Component Video (YPBPR) output jacks can be used to have the best picture quality. Your TV set must have component video (YPBPR) input connectors for this type of connection. These jacks are used for only video connection. For audio, red & white output jacks must be used.

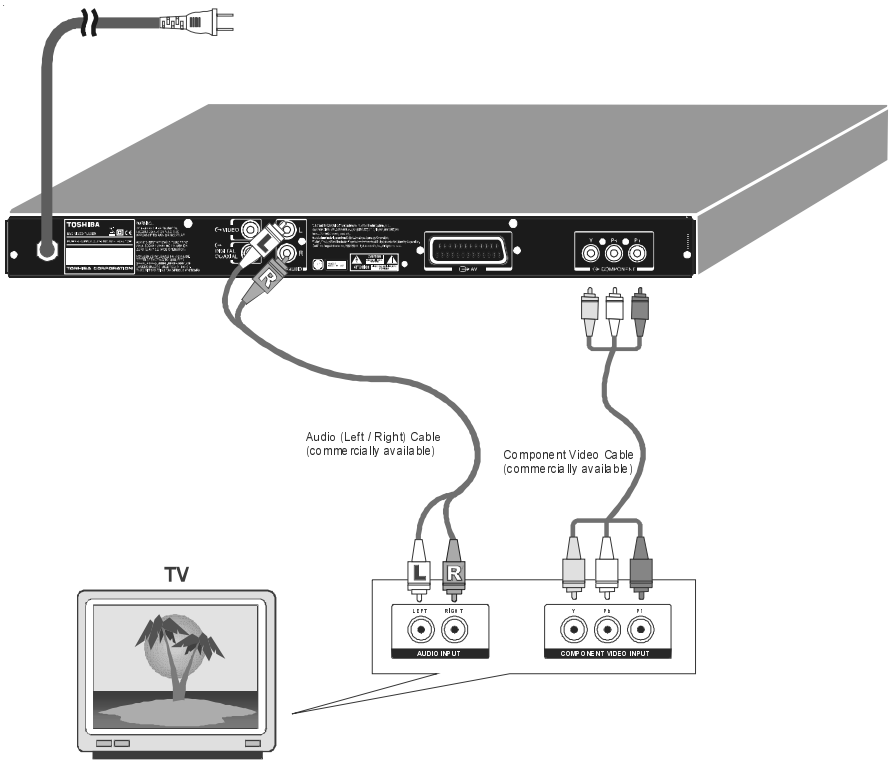
• If you have a high-definition or “digital ready” TV, you may take advantage of the DVD Player’s progressive scan output for the highest video resolution possible.

• Select the Progressive Scan mode by choosing “ PROGRESSIVE” on the VIDEO OUTPUT menu, see page 30.

• If your TV does not accept the Progressive Scan format, the picture will appear scrambled when you try Progressive Scan on the DVD Player.

1. Connect the **COMPONENT VIDEO OUT** jacks on the DVD Player to the corresponding **IN** jacks on the TV using the YPbPr cable.

2. Connect the **Left and Right AUDIO OUT** jacks of the DVD Player to the audio **Left and Right IN** jacks on the TV using the audio cables.



NOTE:

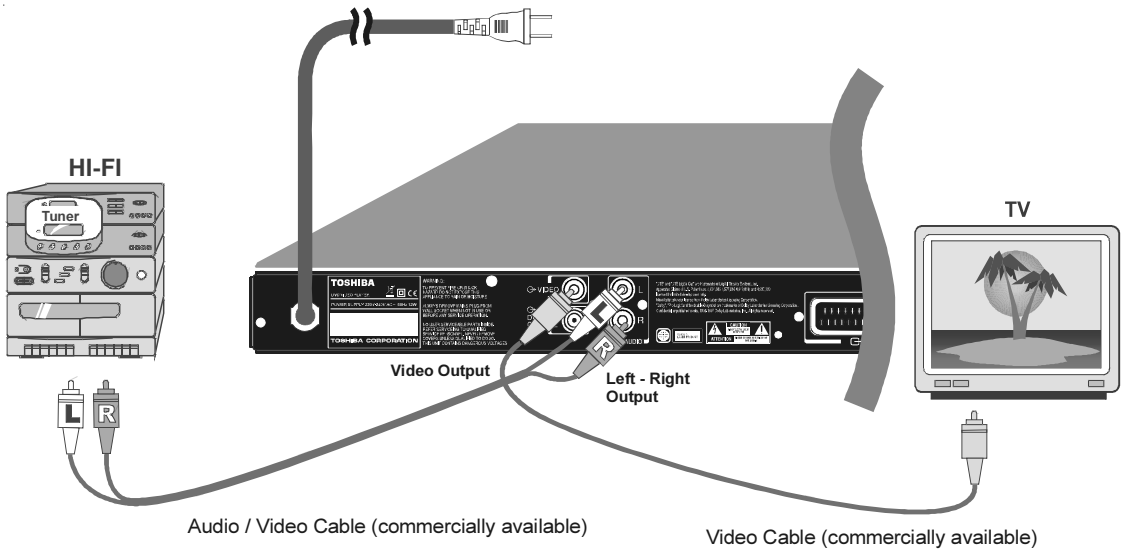
•When using the component video cables (YPBPR), do not connect the Scart socket and S-Video cable.

CONNECTION OF YOUR DVD PLAYER WITH AV AMPLIFIER

Be sure to turn off the power of each component before making the connections.

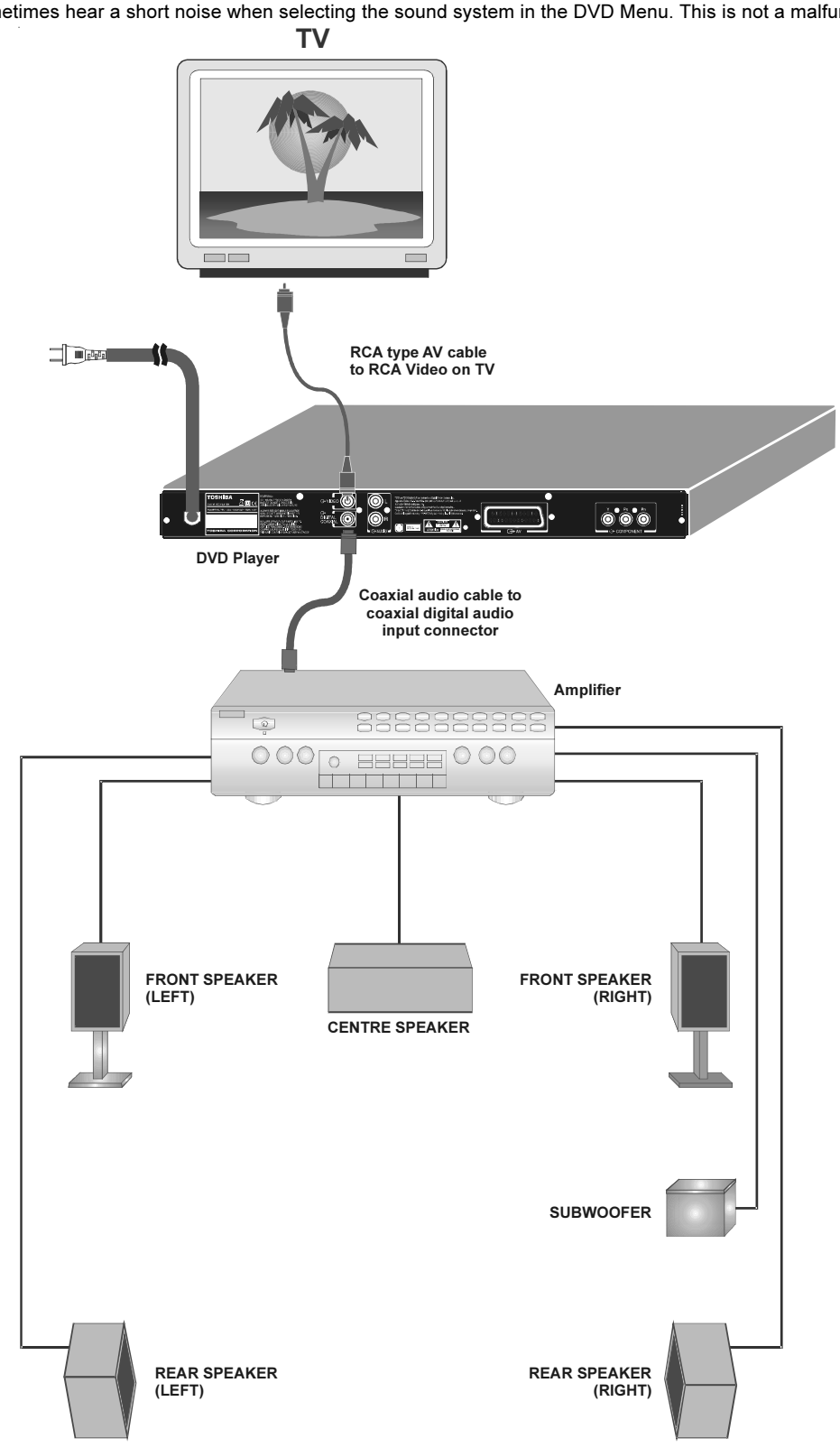
Analog Audio Output Sockets:

To get better sound quality, the unit can be connected to an amplifier via analog audio left/right outputs.



NOTE:

• When this unit is connected to a separate Decoder Box or Amplifier through the DIGITAL AUDIO OUT connector, you may sometimes hear a short noise when selecting the sound system in the DVD Menu. This is not a malfunction.



FITTING BATTERIES IN YOUR REMOTE CONTROL

First open the battery cover on the underside of the remote control. Fit both batteries 1.5Volt (R03/AAA) referring to the imprinted symbols (+/-) in the battery case and put on the battery cover again.

While using the remote control, direct it towards the front of the DVD player. If the remote control does not work or the chosen function could not be made, the batteries are most probably exhausted and they should be replaced as soon as possible. Please use only leak proof batteries. If you will not be using your remote control for a long time, it is recommended to take out the batteries from your remote control.

REMOTE CONTROL FUNCTIONS

1. TIME button

Changes the playing time display mode of the disc, title, track etc., on the OSD and front panel display.

2. OPEN/CLOSE (⏏) button

Opens or closes the disc tray.

3. Number buttons

Press to enter track/chapter/title/time numbers directly.

4. SEARCH MODE button

Press to select the unit for search (title, chapter, track, time)

5.TOP MENU button

Displays the title menu on the TV screen or changes the status of PBC functionality for VCD.

6. MENU button

Displays the DVD root menu on screen.

7. SLOW FORWARD ( ) button

Use this button for forward slow playback.

7.1. SLOW BACKWARD ( ) button

Use this button for DVD backward slow playback.

8. PLAY/PAUSE button

Plays/pauses the disc. For any DVD title that has a root menu with still picture, this button functions as “button ENTER” in the root menu. Otherwise this functioning of “Play/Pause” button on the root menu will be prohibited by the disc, and “ ” will appear.

9. REV-FWD buttons

Press to adjust the forward and reverse playback at different speeds during playback (fast forward/reverse).

10. SKIP ⏮ button

Press to start playback from the previous chapter or track.

11. STOP button

Stops playing disc.

12. SETUP/DISP button

Displays the current playing status or set-up menu on the TV screen.

13. Arrow buttons

Move to the items or settings.

14. ENTER button

Executes the items or settings.

15. ON/STANDBY button

Turns the unit on or switches the unit to standby mode.

16. AUDIO button

Changes the language of the sound while playing a DVD/ VCD.

17. SUBTITLE button

Changes the language of the subtitle while playing a DVD.

18. ANGLE button

Changes the angle when playing a DVD disc recorded with multiple angles.

19. A - B RPT button

Repeat playback between point A and point B.

20. +10 button

For the track/chapter numbers which are greater than “9”, use +10 button. Each press increases the number by 10. Then press the second digit of track number.

21. PLAY MODE button

Press to execute disc/title/chapter repeat.

22. RETURN button

Returns to the preceding selection screen.

23. PROGRAM button

It is used to switch the Program Mode in stop mode of MP3, Audio and JPEG CD’s.

24. ZOOM button

Zooms the picture.

25. SKIP/STEP ⏭ button

Press to go to the next chapter or track during playback and next frame during pause.

26. CLEAR button

Using this button, you can delete the mistyped entries or cancel some functions.

DVD PLAYBACK

Preparations

Turn on your audio system if the player is connected to an audio system.

Basic Play

1. Press the ON/STANDBY button.

2. Press OPEN/CLOSE (⏏) to open the disc tray.

3. Place a disc onto the tray.

Hold the disc without touching either of its surfaces, position it with the printed title side facing up, align it with the guides and place it in its proper position.

4. Press OPEN/CLOSE (⏏) .

The disc tray closes and play commences if the disc does not have any menus recorded on it.

A menu may appear on the TV screen after a few moments or the film may start immediately. This behaviour depends on the disc content and may change.

NOTE:

• Steps 5 and 6 are available only when a menu is recorded on the disc.

5. Press ◀ / ▶ / ▼ / ▲ or the number button(s) to select the preferred title.

6. Press ENTER.

Playback of the selected item now starts.The played item may be a motion picture, a still picture or another submenu depending on the disc.

NOTE:

• When using menus, the disc controls the behaviour of the player.

• For stopping play and returning to the menu screen (when a menu is available on the disc), press MENU or TOP MENU button depending on the disc. Play is suspended and the Disc menu screen is displayed.

After operation

When the unit is not in use, remove the disc and press ON/ STANDBY to turn the unit to standby mode.

NOTE:

• The disc continues to rotate while the menu is displayed even after the player has finished playing a particular item. When no further selections are to be played, be sure to press the STOP (■) button to clear the menu display.

• If the disc is placed upside down (and it is a single sided disc), TV screen will display “NO DISC”.

For your reference:

When “⊘” appears while a button is being pressed, it means that the corresponding operation is prohibited by the player.

Stopping Play

To stop the play permanently, press STOP (■) twice. When the STOP (■) button is pressed once, a message “PRESS PLAY TO CONTINUE” will appear on the screen to remind you if you want to continue the play. To stop the play, press the STOP (■) button again or you can press PLAY/ PAUSE to continue playback.

Fast Forward / Reverse

Press FWD ▶▶ or REV ◀◀ on the remote control during playback.

The speed of forward or reverse changes for every press of the FWD ▶▶ or REV ◀◀ button.

Normal play is resumed when the PLAY/PAUSE or ENTER buttons are pressed.

Skip Forward / Backward

Press SKIP ⏮ or SKIP/STEP ⏭.

A chapter is skipped forward or backward each time the button is pressed.

Pause

Press PLAY/PAUSE during playback.

The picture will go to pause mode.

To return to normal play:

Press PLAY/PAUSE again.

Step Forward/Backward

Press PLAY/PAUSE during playback.

Press SKIP/ STEP ⏭ or SKIP ⏮.

The next frame of the movie is displayed.

Slow motion Play Forward/Backward

Press SLOW (Slow Backward ◀| or Slow Forward |▶) during playback. The slow motion starts. Press Slow Forward |▶ to increase and Slow Backward ◀| to decrease the speed.

The speed of slow motion play is displayed on the screen each time you change it.

To return to normal play:

Press PLAY/PAUSE.

DIRECT SELECTION OF SCENES

Selecting Scenes by Chapter Number

Press SEARCH on the remote control once during playback.

The chapter/title search box is displayed on the screen. You can see the total number of chapters as -/xx.

Enter the chapter number using number buttons.

The selected chapter is played just after you enter the chapter number digits.

You can clear the field by pressing the CLEAR button if you enter two digits number wrong.

You can press RETURN button to cancel chapter search.

NOTE:

•If you attempt to enter a number greater than the total number of chapters on the current title, the search box disappears and "🖐" symbol appears on up-left corner of screen.

• If you wait for ten seconds without pressing any button for selecting scenes by chapter number, the operation is cancelled.

Selecting Scenes by Title Number

Press SEARCH on the remote control once during playback.

The chapter/title search box is displayed on the screen.

Press ◀ button on the remote control to select the title field in the search box to change the title.

You can see the currently playing title and total number of titles as -/xx.

Enter the number of the title using number buttons.

The selected title is played just after you enter all the title number digits.

You can clear the field by pressing the CLEAR button if you enter wrong number.

You can press RETURN button to cancel title search.

NOTE:

• If you attempt to enter a number greater than the total number of titles, the search box disappears and "🖐" symbol appears on up-left corner of screen.

• If you wait for ten seconds without pressing any button for selecting scenes by title number, the operation is cancelled.

Selecting Scenes by Time

You can view the DVD starting from any time point you want.

Press SEARCH on the remote control twice during playback.

The time search box is displayed on the screen. You can see the total elapsed play time of the title as --:--:--/xx:xx:xx

Enter the time using number buttons.

The title is played beginning from the desired time just after you enter the time, if not prohibited by the DVD.

You can clear the fields by pressing the CLEAR button if you enter wrong numbers.

You can press RETURN button to cancel time search.

NOTE:

• If you attempt to enter a number greater than the total time of the current title, it will cancel the operation.

• If you wait for ten seconds without pressing any button for entering time, the operation is cancelled.

REPEAT PLAY

Repeat Viewing

Press PLAY MODE during playback.

Each time this button is pressed, a different repeat box is displayed on the screen.

If **"CHAPTER REPEAT ON"** is displayed, the current chapter will be played again.

If **"TITLE REPEAT ON "** is displayed, the current title will be played again.

If **"REPEAT OFF"** is displayed, the repeat mode is disabled.

NOTE:

• Repeat play may be prohibited by some DVD titles.

Repeating a section between two specific points (A – B repeat)

Press A-B RPT during playback at the point where repeat play is to commence (A).

" A TO B SET A " is displayed.

Press A-B RPT again at the point where repeat play is to be concluded (B).

" A TO B SET B " is displayed and the repeat play of the selection between points A and B starts, if not prohibited by the DVD.

To return to normal play:

Press A-B RPT again. "A TO B CANCELLED " is displayed and the A-B Repeat is disabled.

CONVENIENT FUNCTIONS

Displaying the time information

Press SETUP/DISP during playback.

When SETUP/DISP is pressed during playback, some information is displayed on TV screen to indicate the current status of the disc. In the display screen, you can find the following information lines:

Line 1: Title & Chapter Numbers

Line 2: Audio Format, Number of Output Channels & Audio Language

Line 3: Subtitle Language Number & Subtitle Language

Line 4: Time Counter Mode & Time Counter

Press SETUP/DISP button again to close the information screen.

You can also display time information screen by pressing TIME button.

Time counter modes can be selected by pressing TIME button consecutively.

Press once: **TITLE ELAPSED** Mode

Press twice: **TITLE REMAIN** Mode

Press thrice: **CHAPTER ELAPSED** Mode

Press fourth: **CHAPTER REMAIN** Mode

If **"TITLE ELAPSED"** is displayed, the elapsed time for the title is being displayed on the VFD display.

If **"TITLE REMAIN"** is displayed, the remaining time for the title is being displayed on the VFD display.

If **"CHAPTER ELAPSED"** is displayed, the elapsed time for the chapter is being displayed on the VFD display.

If **"CHAPTER REMAIN"** is displayed, the remaining time for the chapter is being displayed on the VFD display.

Displaying a scene with a larger and closer view

ZOOM function enables you to take a closer look at the scene you are viewing. This is especially useful when you are watching a science fiction or an adventure film.

NOTE: Press ZOOM button consecutively will change the zoom ratios. You can move to any area of the enlarged screen by using the ◀ / ▶ / ▼ / ▲ buttons.

To return to normal play:

Press ZOOM several times until "ZOOM OFF" is displayed on the screen and the picture is now in its normal size.

Displaying / Changing Subtitle Language

It is possible to change the subtitle language from the one selected at the initial settings to a different language, if available.

(This operation works only with discs on which multiple subtitle languages are recorded, if not prohibited by the disc.)

Press SUBTITLE during playback.

When no subtitles are recorded, "🖐" will be displayed instead of the selected language.

Press SUBTITLE several times until the preferred language is selected.

When this button is pressed once, the first subtitle recorded on the disc will be displayed. The rest of the subtitles recorded will be displayed in sequence for every press of the SUBTITLE button.

To turn off the subtitle, press SUBTITLE several times until "🖐" appears on the screen.

NOTE:

• When the preferred language is not selected even after pressing the button several times, it means that the language is not available on the disc.

• When the player is restarted or the disc is changed, the subtitle selection is automatically changed back to the initial settings.

Changing Audio Soundtrack Language

It is possible to change the audio language from the one selected at the initial settings to a different language, if available.

(This operation works only with discs on which multiple audio soundtrack languages are recorded, if not prohibited by the DVD.)

Press AUDIO during playback.

Press AUDIO a number of times until the preferred language is selected.

NOTE:

• When the preferred language is not selected even after pressing the button several times, it means that the language is not available on the disc.

• When the player is in standby mode or the disc is removed, the language heard is the one selected at the initial settings. If this language is not recorded on the disc, only the available language on the disc will be heard.

Viewing From Another Angle

Some DVD discs may contain scenes, which have been shot simultaneously from a number of different angles. For these discs, the same scenes can be viewed from each of these different angles using the ANGLE button.

The number of recorded angles differs depending on the disc used.

" x " is displayed on the screen during playback. This indicates that the multi-angle scene has just started. Also on unit's display (VFD) "ANGLE" message appears. You will see in the upper-right corner of the screen the number of the angle selection you have choosen.

In SETUP menu, an "ANGLE MARK" option exists, which, if enabled, will display a continuous angle mark on the screen as long as multi-angle scene is available.

Press ANGLE during playback.

The current angle is changed.

Press ANGLE several times until the preferred viewing angle is selected.

NOTE:

• This function will only work on discs where different angles have been recorded.

• The viewing angles are shown on the screen. You can select one of them for viewing.

• If you press ANGLE outside of a multi-angle scene on a multi-angle title, "" is displayed. It means that only one angle is currently available.

Using a DVD Menu

Some DVD discs have unique menu structures called DVD menus. For example, DVDs programmed with complex content provide guide menus, and those recorded with various languages provide menus for audio and subtitle language. Although the DVD menus' content and operation differ from disc to disc, the following explains basic operation when this feature is used.

Press TOP MENU or MENU during playback.

The DVD menu available on the disc is now displayed.

NOTE:

• If you press MENU, the root menu of DVD is displayed.

• If you press TOP MENU, the menu of the current title is displayed.

Press ◄ / ► / ▼ / ▲ to select the preferred item.

Press ENTER.

The selected item is now executed.

You can play any track you want, just by pressing the corresponding number button.

For the track numbers which are greater than "9" use +10 button. Each press increases the number by 10.Then type the second digit of track number.

If you attempt to enter a number greater than the total number of tracks on disc, "" symbol is displayed on screen.

NOTE:

• Some DVDs may not contain root and/or title menus.

VIDEO CD PLAYBACK

Preparations

Turn on your audio system if the player is connected to an audio system.

Basic Play

1. Press ON/STANDBY button.

2. Press OPEN/CLOSE (⏏) to open the disc tray.

3. Place a disc onto the tray

Hold the disc without touching either of its surfaces, position it with the printed title side facing up, align it with the guides, and place it in its proper position.

4. Press OPEN/CLOSE (⏏) .

The disc tray is closed.

For Video CDs without playback control:

Play commences immediately.

For Video CDs provided with playback control:

If disc contains a menu, it will appear on the screen after a few moments.

Menu Play

This function works only with video CDs with playback control (version 2.0).

The details differ depending on the disc concerned. Also refer to the instructions accompanying the disc.

After steps 1 to 4 above, the menus are displayed on the TV screen

5. Press the number button(s) to select the preferred item.

The player now starts to play the selected item.

NOTE:

• Use +10 button to enter two-digit-numbers.

• ◄ / ► / ▼ / ▲ arrow buttons are not used for selecting items for video CDs.

What is playback control (PBC)?

If a video CD has "playback control " written on the jacket of disc, it means that particular scenes or information can be selected for viewing interactively with TV screen using the menu screen.

NOTE:

• PBC on is default. Whenever you insert a disc, it will be on.

After operation

When the unit is not in use, remove the disc and press

ON/STANDBY to turn the unit to standby mode.

NOTE:

• The disc continues to rotate while the menu is displayed even after the player has finished playing a particular item. When no further selections are to be played, be sure to press the STOP (■) button to clear the menu display.

• If the disc is placed upside down (and it is a single sided disc), TV screen will display “NO DISC”.

For your reference:

When “✋” symbol appears while a button is pressed on up-left corner of OSD (On - Screen - Display), it means that the player or the disc prohibits the corresponding operation.

Stopping Play

To stop the play permanently, press STOP (■) twice. When the STOP (■) button is pressed once, a message “PRESS PLAY TO CONTINUE” will appear on the screen to remind you if you want to continue the play. To stop the play, press the STOP (■) button again or you can press PLAY/PAUSE to continue playback.

Fast Forward / Reverse

Press REV ◀◀ or FWD ▶▶ during playback.

Normal play is resumed when the PLAY/PAUSE button is pressed.

The speed of advance or reverse changes for every press of the FWD or REV button.

Skip Forward / Backward

Press SKIP ⏮ or SKIP/STEP ⏭ during playback.

A track is skipped forward or backward each time the button is pressed.

Pause

Press PLAY/PAUSE during playback.

The screen freezes.

To return to normal play:

Press PLAY/PAUSE again.

Step Forward

Press PLAY/PAUSE during playback.

The screen freezes.

Press SKIP/ STEP ⏭.

The next frame of the movie is displayed.

NOTE:

• Reverse stepping is not available.

Slow Motion Play Forward

Press SLOW ▷ during playback. The slow motion starts.

Press SLOW ▷ to increase the speed.

The speed of slow motion play is displayed on the screen each time you change it.

To return normal play:

Press PLAY/PAUSE again.

NOTE:

• Reverse slow motion play is not available.

DIRECT SELECTION OF SCENES

Selecting Scenes by Time (only for version 2.0 VCDs)

You can view the video CD, starting from any time point you want.

Press SEARCH on the remote control during playback.

The time search box is displayed on the screen as GO TO:--:--/xx:xx.

Enter the time using number buttons.

Press RETURN to cancel time search.

• If you attempt to enter a number greater than the total time of the disc or current title, it will cancel the operation.

• If you wait for ten seconds without pressing any key for selecting scenes, the operation is cancelled.

Accessing tracks using number buttons:

You can play any track you want, just by pressing the corresponding number button.

For the track numbers which are greater than “9” use +10 button. Each press increases the number by 10.Then type the second digit of track number.

If you attempt to enter a number greater than the total number of tracks on disc, “✋” symbol appears on up-left corner of screen.

NOTE:

• This operation is available only when PBC is off.

REPEAT PLAY

Press STOP button once. “ PRESS PLAY TO CONTINUE” message appears on the screen.

Press PLAY MODE.

Each time this button is pressed, a different repeat box is displayed on the screen.

If **"REP-ONE"** is displayed, the current track will be played again.

If **"REP-ALL"** is displayed, all tracks on the disc be played again.

If **"REPEAT OFF"** is displayed, the repeat mode is disabled.

Repeating a section between two specific points (A – B repeat)

Press A-B RPT during playback at the point where repeat play is to commence (A).

"A TO B SET A" is displayed on screen.

Press A-B RPT again at the point where repeat play is to be concluded (B).

"A TO B SET B" is displayed and the repeat-play of the selection between points A and B starts.

To return to normal play:

Press A-B RPT again. "A TO B CANCELLED" is displayed and the A-B Repeat is disabled.

NOTE:

• If you give up entering the point B after entering point A simply press RETURN, and the operation is cancelled.

CONVENIENT FUNCTIONS

Displaying the time information

Press TIME during playback.

Each time this button is pressed, a different time information box is displayed on the screen.

If **"SINGLE ELAPSED"** is displayed, the VFD display on the unit shows the elapsed time for the track which is being played.

If **"SINGLE REMAIN"** is displayed, the VFD display on the unit shows the remaining time for the track which is being played.

Displaying a scene with a larger and closer view

ZOOM function enables you to take a closer look at the scene you are viewing.

This is especially useful when you are watching a science fiction or an adventure film.

Press ZOOM during playback.

You can change the zooming ratio by pressing ZOOM button several times.

NOTE:

• You can move to any area of the enlarged screen by using the ◀ / ▶ / ▼ / ▲ arrow buttons.

To return to normal play:

Press ZOOM several times until "ZOOM OFF" is displayed on the screen.

AUDIO CD PLAYBACK

Preparations

Turn on your audio system if the player is connected to an audio system.

Basic Play

1. Press ON/STANDBY button.

2. Press OPEN/CLOSE (⏏) to open the disc tray.

3. Place a disc onto the tray

4. Press OPEN/CLOSE (⏏) .

Play is commenced.

After operation

When the unit is not in use, remove the disc and press

ON/STANDBY to turn the unit to standby mode.

NOTE:

• If the disc is placed upside down (and it is a single sided disc), TV screen will display "NO DISC".

For your reference:

When "✋" appears while a button is being pressed, it means that the corresponding operation is prohibited by the player .

Stopping Play

To stop the play permanently, press STOP (■) twice. When the STOP (■) button is pressed once, a message "PRESS PLAY TO CONTINUE" will appear on the screen to remind you if you want to continue the play. To stop the play, press the STOP (■) button again or you can press PLAY/PAUSE to continue playback.

Fast Forward / Reverse

Press ⏩ FWD or REV ⏪ during playback.

The speed of advance or reverse changes for every press of the FWD or REV button.

Normal play is resumed when PLAY/PAUSE button is pressed.

NOTE:

No sound will be heard during rapid advance or rapid reverse.

Skip Forward / Backward

Press SKIP ⏮ or SKIP/STEP ⏭ during playback.

A track is skipped forward or backward each time the button is pressed.

Pause

Press PLAY/PAUSE during playback.

The play freezes.

To return to normal play:

Press PLAY/PAUSE again.

DIRECT SELECTION OF TRACKS

Selecting by Time

You can play the audio CD starting from any time point you want.

Press SEARCH on the remote control during playback.

The time search box is displayed on the screen as GO TO: _ _ : _ _ / xx : xx

Enter the time using number buttons.

NOTE:

• Press RETURN to cancel the operation.

• If you wait for ten seconds without pressing any button for selecting tracks, the operation is cancelled.

Accessing tracks using number buttons

You can play any track you want, just by pressing the corresponding number button.

For the track numbers which are greater than "9" use +10 button. Each press increases the number by 10.Then type the second digit of track number.

If you attempt to enter a number greater than the total number of tracks on disc, "🖐" symbol is displayed on screen.

REPEAT PLAY

Press PLAY MODE during playback.

Each time this button is pressed, a different repeat box is displayed on the screen.

If **"REP-ONE"** is displayed, the current track will be played again.

If **"REP-ALL"** is displayed, all tracks on disc will be played again.

If **"REPEAT OFF"** is displayed, the repeat mode is disabled.

Repeating a section between two specific points (A – B repeat)

Press A-B RPT during playback at the point where repeat play is to commence (A).

"A TO B SET A" is displayed.

Press A-B RPT again at the point where repeat play is to be concluded (B).

"A TO B SET B" is displayed and the repeat play of the selection between points A and B starts.

To return to normal play:

Press A-B RPT again. "A TO B CANCELLED" is displayed and the A-B Repeat is disabled.

NOTE:

If you give up entering the point B after entering point A, simply press RETURN and the operation is cancelled.

CONVENIENT FUNCTIONS

Displaying the time information

Press TIME during playback.

Each time this button is pressed, an information box is displayed on TV screen to indicate the status of the time displayed on the VFD display.

If **"SINGLE ELAPSED"** is displayed, the VFD display on the unit shows the elapsed time for the track that is being played.

If **"SINGLE REMAIN"** is displayed, the VFD display on the unit shows the remaining time for the track which is being played.

If **"TOTAL ELAPSED"** is displayed, the VFD display on the unit shows the elapsed time for the disc which is being played.

If **"TOTAL REMAIN"** is displayed, the VFD display on the unit shows the remaining time for the disc which is being played.

Program Function

Press PROGRAM button to select program mode in stop mode.

Enter track numbers that you want to add to program list.

For the track numbers which are greater than "9", use +10 button. Each press increases the number by 10.Then type the second digit of track number.

Press ENTER button to finish the program entry.

Screen is cleared and it will start playing the program list.

NOTE:

• If you attempt to enter a number greater than the total number of tracks on disc, the search box disappears and "✋" symbol appears on up-left corner of screen.

You can remove the last track of the play list by pressing the CLEAR button.

The program is cancelled when:

- The disc tray is opened or closed.

- The power is turned off.

SMART NAVI

To see the directory structure (menu) of JPEG/MP3/MPEG/ MPEG4/DivX CDs, you should set SMART NAVI option to WITH MENU in setup page.

If SMART NAVI option is set to NO MENU, the content is automatically played without displaying menu.

Basic Play

1. Press ON / STANDBY to turn on the power.

2. Press OPEN/CLOSE to open the disc tray.

3. Place a disc onto the tray.

Hold the disc without touching either of its surfaces, position it with the printed title side facing up, align it with the guides, and place it in its proper position.

4. Press OPEN/CLOSE to close the disc tray.

"DISC LOADING" message appears on screen. Please wait for a moment.

SMART NAVI appears. Directories are on the left part and files in the selected directory are on the right part.

5. Press ▼/▲ to select file to be played.

In the stop mode, you can navigate in all directories. If an MP3 track is playing, only the current directory can be used for navigation.

6. Press ENTER to play a file .

If a file is focused on the left part, the preview of the item is displayed. If a folder is focused on the left part, the total number of files in that directory is displayed.

MP3/MPEG/MPEG4/DivX File :

Select a file on MP3/MPEG/MPEG4/DivX CDs to start play.

Elapsed or Remaining Time is displayed according to Time Mode.

Subtitle Selection for Mpeg4, DivX, X-Vid:

Files with ' ' logo are subtitles files. Subtitle files with '.sub', '.txt', '.srt', '.smi', '.psb' and '.ass' extensions are supported by this device.

You can enable display of subtitles by pressing ENTER key when you are on the subtitle file.

The synchronization of the subtitle with the audio and video depends on the subtitle file content. Please be sure that the correct subtitle file is recorded on the disc and selected.

Files with ' ' logo are DivX, Mpeg4 or X-Vid files. Use arrow keys to navigate between the files and press ENTER key when you are on the film. If you select a subtitle file prior to the playback of the film, subtitle will be displayed during playback.

When subtitles are displayed, you can adjust the position where subtitle is displayed by ▼/▲ keys.

JPEG File :

Select a file on JPEG CD.

Slide Show starts automatically.

Pause

Press PLAY/PAUSE button during playback.

The play freezes. "PAUSE" appears on screen.

To return to normal play:

Press PLAY/PAUSE again.

Stopping Play

Press STOP (■).

The play is stopped. "STOP" appears on screen.

Fast Forward / Reverse

For MP3/MPEG/MPEG4/DivX :

Press FWD ⏩ or REV ⏪ during playback to decrease/ increase play speed.

NOTE:

• No sound will be heard during fast forward or reverse.

Skip Forward / Backward

Press SKIP / STEP ⏭ or SKIP ⏮ during playback.

Next or previous file in the current directory will be played.

Instant Skip / Backward

Only for DivX files:

Press ◀ / ▶ key for instant skip / backwards during divx files playback.

Image transformation

Only for JPEG :

Press PLAY / PAUSE to start slide show.

There are three modes of transformation:

- Invert

- Mirror

- Left

- Right

These operations are allowed only when a picture is being displayed normally and will be cancelled automatically when a new picture is displayed. The arrow keys are used to select the different transformation modes.

Press ▲ to invert/normal

Press ▼ to mirror

Press ◀ to turn left

Press ▶ to turn right

Zoom

Only for JPEG:

Press PLAY / PAUSE to start slide show.

It is provided both ZOOM in/out and Zoom pan functions for JPEG pictures.

Press ZOOM to turn on/off this function

When this mode is on, any picture will be displayed at the last ratio selected by the user.

A message will indicate the current ratio on screen.

If zoom mode is on,

Press REV ◀◀ / FWD ▶▶ to control the ratio of zoom in/out.

NOTE:

• During ZOOM function, image transformation is disabled.

Repeat Modes

Press PLAY MODE to change current repeat mode.

Repeat mode is displayed.

In SMART NAVI, it is displayed at the bottom.

Displaying The Time Information

Press TIME to change displayed time mode.

Program Function

Press PROGRAM to select program mode in stop mode.

PROGRAM Message appears.

Press number buttons to select files in the current directory.

Alternatively, you can use ▲ / ▼ keys and then press ENTER to add selected file into the program list.

PROGRAM Message appears with the current file index and the total files in the list.

Press STOP to finish program.

PROGRAM Message appears at the bottom of SMART NAVI.

Press PLAY/PAUSE to start program.

PLAY Message appears.

Files in the program list are played sequentially.

NOTE:

• You can use trick mode keys, skip prev/next files, and so on.

• You can remove the last track of the playlist by pressing the CLEAR button.

• The program remains even after the Program Play ends.

If you want to quit program mode:

Press STOP key if a track is being played.

Press PROGRAM key twice.

The program is cancelled when:

- The disk tray is opened or closed.

- The player is turned off.

- In each directory change.

USING SETUP MENU

Press SETUP/DISP button on the remote control when the player is not in playback mode.

The setup menu-main page appears. This is the menu where you can change the device's settings.

USING MAIN PAGE

Select items using ▼ / ▲ buttons.

The item will be highlighted when selected.

Press ENTER to choose the highlighted item.

The submenu for the selected item appears on the screen.

SETUP menu will only be available when the player is not in playback mode.

In RESUME (Pre-Stop) mode, some pages and some items cannot be accessed. On the MAIN page, you cannot access VIDEO SETUP and PARENTAL SETUP pages in RESUME mode.

USING SUB MENUS

Use ◄ / ► arrow buttons to switch between left and right menus.

Once you enter any submenu,

Use ▼/▲ arrow buttons to move the highlighted position up and down.

Press ENTER to choose the highlighted option on the right menu.

To close the setup menu, press SETUP/DISP.

MENU ITEMS

VIDEO SETUP

• VIDEO SETUP page will not be available if the player is in RESUME (Pre-Stop) mode.

TV DISPLAY:

The aspect ratio of the picture provided by the DVD player can be varied in line with the features available on the TV in use.

The options available are:

NORMAL / PS (4:3 Pan & Scan):

Allows you to see the movie fill the entire screen of your TV, but not the right and left edges. This type of picture can only be viewed, if it is contained on the disc.

NORMAL / LB (4:3 Letterbox):

Allows you to see movies in their original aspect ratio. You will see the entire frame of the movie, but it will occupy a smaller portion of the screen.

WIDE (Wide screen 16:9):

Choose this setting if your DVD player is connected to a wide-screen TV.

NOTE:

• Depending on the format of the DVD disc. (eg. 2.35:1), the picture may still have black lines above and below this picture.

TV TYPE:

The video standard of the DVD player output can be selected from “MULTI. SYSTEM”, “NTSC” or “PAL”.

If “MULTI. SYSTEM” is selected, the output standard will be either NTSC or PAL depending on the DVD being played.

If “NTSC” is selected, the video output will be converted to NTSC standard irrespective of disc standard.

If “PAL” is selected, the video output will be converted to PAL standard irrespective of disc standard.

VIDEO OUTPUT

The Video output of the DVD player can be selected as “CVBS” or “RGB”.

Select “CVBS” if you connect the DVD player to the TV via RCA output.

Select “RGB” if you connect the DVD player to the TV via scart socket. Scart output will be CVBS + RGB. This is the factory setting of the DVD player.

AUDIO SETUP

It is impossible to connect speakers directly to this DVD player unless an AV amplifier is used.

COMPRESSION:

Boosts frequency response. This item can be selected between “OFF” to “MAX”.

LPCM OUTPUT:

This item can be selected as “LPCM 48K” or“LPCM 96K” .

LANGUAGE SETUP

Audio, disc menu and subtitle items will not be available if the player is in RESUME (Pre-Stop) mode.

OSD LANGUAGE:

You can select the default OSD language of the player menus.

AUDIO:

You can select the default audio language if supported by that DVD disc.

SUBTITLE:

You can select the default subtitle language if supported by that DVD disc.

DISC MENU:

You can select the DVD's disc menu language among these languages. Disc menu appears in the selected language, if supported by that DVD disc.

PARENTAL SETUP

PARENTAL SETUP page will not be available if the player is in RESUME (Pre-Stop) mode.

Playing some DVDs can be limited depending on the age of users. The "Parental Control" function allows playback limitation level to be set by the parents.

PARENTAL SETUP (Parental Level):

Parental Level can be adjusted to one of the eight levels or "NO PARENTAL". "NO PARENTAL" or level "8 ADULT" adjustments let you watch all of the DVD titles ignoring the DVD disc's parental level. You can watch the DVD discs, which have the same or lower parental level than the player's selected level only.

PASSWORD:

Password to change the parental level can be set by using this option.

Factory preset of the password is "0000". You have to set a 4- digit password when you select a parental level for the first time.You have to enter your password every time you want to change the parental level. If you forget your password, please contact technical service.

Change Password:

Using this item you can change the current password.

To change the password, you will be prompted to enter your old password. After you have entered your old password, you can now enter the new 4-digit password.

You can use CLEAR key to delete the incorrect entry.

Press OPEN/CLOSE to activate parental setup setting

PREFERENCES

ANGLE MARK, SMART NAVI and DEFAULTS items will not be available if the player is in RESUME (Pre-Stop) mode.

ANGLE MARK:

This option allows you to turn ON/OFF the angle mark on the screen, which is displayed to indicate that a multi angle scene has started. It also shows which angle you are currently watching.

STANDBY TIME:

Standby activation time can be adjusted or standby can be disabled when using this option. Standby can only be activated when one of the time option is selected and no button is pressed during the selected time duration in stop mode.

SMART NAVI:

This option allows you to enable or disable the SMART NAVI, which is used for playing MP3, MPEG, DivX or JPEG CDs.

TRANSPARENCY:

Using this option to select one of the transparency levels for on screen display.

DEFAULTS:

If you choose DEFAULTS, press ENTER button. The factory-presets are loaded. Parental level and parental password do not change.

DivX(R) REGISTRATION:

There is a registration code in this page. This code is utilized to register this player with the DivX(R) Video On Demand service. This will allow you to rent and purchase video using the DivX(R) Video On Demand format.

DivX VOD User Steps:

1. The user will open the DivX Registration page by entering the SETUP menu of the Player.

2. You will get the DivX VOD registration code from the player. The address for the DivX VOD website is: www.divx.com/vod

3. After entering the address above on the Internet, go to the section where registration is to be made for DivX VOD membership.

4. Use the DivX VOD Registration (Activation) code that you received from the player to register and set a username and a password for yourself.

5. Once the registration process is over, you have to download the DivX VOD activation file from the Internet and write it onto a disc.

6. After inserting this disc into the player and playing the activation file,you will have a new player DivX VOD Registration code activated for the player DivX VOD.

7. When you want to download and watch movies, you will enter the address www.divx.com/vod and will be able to download movies with your pre-designated username and password by paying a certain charge. Upon writing this film on the disc and inserting it into the player, you can watch these the number of times that you are entitled to watch.

TROUBLESHOOTING

The picture quality is poor (DVD).

- Make sure the DVD disc surface is not damaged. (Scratch, fingerprint etc.)
- Clean the DVD disc and try again.
- Ensure that the DVD disc is on the drawer with the label facing up.
- A damp DVD disc or condensation may effect the equipment. Wait for 1 to 2 hours in Stand-by to dry the equipment.

Disc does not play.

- No disc in the player.
  -Place a disc onto the tray.
- Disc incorrectly loaded.
  -Ensure that the DVD disc is in the correct guide on the disc tray with the label facing up.
- Wrong type of disc. The player cannot play CD-ROMS etc.
  -Use disc with supported formats.
- The region code of the DVD must match the one on the rear panel of the player.

Wrong OSD language.

- Select the language in the set-up menu.

The language for the sound or subtitles on a DVD cannot be changed.

- Multilingual sound and/or subtitles not recorded on the DVD.
- Try to change the sound or subtitles using DVD's title menu. Some DVD's do not allow the user to change these settings without using the disc's menu.

Some functions (Angle, Zoom etc) do not work.

- These functions are not available on the DVD.
- Angle can only be changed when the angle symbol is displayed.

No picture.

- Check that the player is connected to TV properly and all connections between the DVD player and other attached equipments are secured.
- Have you pressed the correct buttons on the remote control? Try once more.
- Make sure the TV TYPE and VIDEO OUTPUT are set correctly in VIDEO SETUP menu.

No sound.

- Check whether the volume is set to an audible level.
- Check whether the audio output connection is connected properly, see pages 12 to 14.

Distorted sound.

- Check that the appropriate listening mode setting is correct.

No response from remote control.

- Make sure the remote control is in the correct mode.
- Check whether the batteries are fitted correctly.
- Change the batteries.
- Operate the remote control within 30 angle on either side of the remote control sensor, up to a distance of approximately 6 metres.
- Operate the remote control on a straight path of the remote control sensor, up to a distance of approximately 7 metres.

If nothing works.

If you have tried the above solutions and none seem to work, try switching your DVD off and on again. If this does not work, contact your supplier or DVD repair technician. **Never attempt to repair a defective DVD yourself.**

SPECIFICATIONS

DVD/VCD/CD/CD-R/CD-RW/MP3/MPEG/JPEG/DivX player

Power Requirements	220 - 240V ~ 50 Hz Auto Adjustable Standby mode: 6 W 56 mA Power ON mode: 12W 100 mA
Types of Discs Supported	**DVD [DVD-R/DVD-RW(Video Mode)]:** SS/SL 4.7" (DVD-5) SS/DL 4.7" (DVD-9) DS/SL 4.7" (DVD-10) DS/DL 4.7" (DVD-18) **VCD** **CD-DA** **CD-R** **CD-RW** **MP3 (CD-R)** **MPEG - 1/2/4** **JPEG (CD-R)** **DivX 3/4/5 (CD-R, DVD-R/RW)**
Video Type	MPEG-2 Digital Video Standard Decoding (MPEG-4 supported) Full-screen video display of 720 x 576 (PAL) & 720 x 480 (NTSC) pixels 50 and 60 Hz frame refresh rates (PAL & NTSC) Digital bit-stream processing rate up to 2x10,08Mbits/sec for DVD, 8x1.411Mbits/sec for CD. Line resolution: more than 500 lines.
Video Output	**Analog Video:** (With using 4 x 10-bits / 54MHz video DACs) **CVBS** : PAL / NTSC (Negative synchronised), 1Vpp @ 75Ω (loaded) **RGB+CVBS** : Through Full Euroscart Output (Pin-8 Control) **Analog Component Video: (Interlaced / Progressive)** Y output 1 Vpp @ 75 Ω (loaded) Pb output 700mVpp @ 75 Ω (loaded) Pr output 700mVpp @ 75 Ω (loaded)
Audio Type	Dolby Digital Decoding DTS Digital Output MPEG Multichannel Decoding LPCM
Audio Output	**Digital Audio Output:** Coaxial Output **Analog Outputs:** 24 Bit/ 96 kHz down-sampling DAC 2 RCA jack outputs (Left / Right) Left / Right audio outputs of Full Euroscart **Output / Channel:** 2 Vrms (0 dB fs, 1kHz)
Dimension	420 mm(W) x 49 mm(H) x 275 mm(D)

. Design and specifications are subject to change without notice.

DEFINITION OF TERMS

Angle

Recorded onto some DVD discs are scenes, which have been simultaneously shot from a number different angles (the same scene is shot from the front, from the left side, from the right side, etc.). With such discs, the ANGLE button can be used to view the scene from different angles.

Chapter Number

These numbers are recorded on DVD discs. A title is subdivided into many sections, each of which are numbered, and specific parts of video presentations can be searched quickly using these numbers.

DVD

This refers to a high-density optical disc on which high-quality pictures and sound have been recorded by means of digital signals. Incorporating a video compression technology (MPEG II) and high-density recording technology. DVD enables esthetically pleasing full-motion video to be recorded over long periods of time (for instance, a whole movie can be recorded).

DVD has a structure consisting of two 0.6 mm thin discs, which are adhered to each other. Since the thinner the disc, the higher the density at which the information can be recorded, a DVD disc has a greater capacity than a single 1,2 mm thick disc.

Playback Control

This is recorded on a Video CD (Version 2.0). The scenes or information to be viewed (or listened to) can be selected interactively with the TV monitor by looking at the menu shown on the TV monitor.

Subtitles

These are printed lines appearing at the bottom of the screen, which translate or transcribe the dialogue. They are recorded on the DVD discs.

Time Number

This indicates the playtime, which has elapsed from the start of a disc or a title. It can be used to find a specific scene quickly. (Not all discs permit the time search feature to be used. Availability is determined by the disc's manufacturer.)

Title Number

These numbers are recorded on DVD discs. When a disc contains two or more movies, these movies are numbered as title 1, title 2, etc.

Track Number

These numbers are assigned to the tracks which are recorded on Audio CDs. They enable specific tracks to be located quickly.

Video CD

This contains recordings of pictures and sound whose quality is on a par with that of video tape. This player also supports Video CDs with playback control (Version 2.0).

Dolby Digital

Many movie theaters are equipped with 5.1 channel surround systems. This same type of technology is available to you in your home. To enjoy full 5.1 channel surround, your DVD player must be connected to an external Dolby Digital decoder via the digital outputs .

Dolby Pro Logic

This is Dolby Laboratories' technology to decode Dolby Surround encoded programs actively. Dolby Surround programs have four channels of audio (Left, Center, Right and Surround) encoded into a standard 2-channel stereo signal. The rear channel is monaural.

PCM

PCM stands for Pulse Code Modulation and is digital audio.

MPEG

Short for Moving Picture Experts Group. This is an international standard for compression of moving images. On some DVDs digital audio has been compressed and recorded in this format.

DivX

DivX is a digital video compression technology based on MPEG-4 and developed by DivX Networks Inc.

NOTE:

• This DVD player may not support some MP3 recordings due to differences in recording formats or disc type.

• Please read the owner's manual about MP3 playback.

• CD-R/CD-RW discs recorded by CD-DA method can be played. Some CD-R/CD-RW discs may be incompatible due to laser pick-up and disc design.

• Some VCD discs may be incompatible .

• DVD-R discs recorded by DVD-Video method can be played . Some DVD-R discs may be incompatible due to laser pick-up and disc design.

• Some discs may be incompatible with JPEG Viewer function due to different recording format or condition of the discs.